DISCLAIMER

Although the material in this Wisconsin Bridge Manual has been tested by the Bureau of Structures, no warranty, expressed or implied, is made by the Wisconsin Department of Transportation, as to the accuracy of the material in this manual, nor shall the fact of distribution constitute any such warranty, and responsibility is not assumed by Wisconsin Department of Transportation in connection therewith.

1.1 INTRODUCTION

The Bridge Manual is for the guidance of design engineers, technicians, and inspection personnel engaged in bridge design, plan preparation, and construction for the Wisconsin Department of Transportation. It is prepared to encourage uniform application of designs and standard details in plan preparation of bridges and other related structures.

This manual is a guide for the layout, design and preparation of highway structure plans, and the inspection of fabricated steel for such structures. It does not replace, modify, or supersede any provisions of the Wisconsin Standard Specifications, plans or contracts.

1.2 BRIDGE MANUAL INDEX

2.0	GENERAL
3.0	DESIGN CRITERIA
4.0	AESTHETICS
5.0	ECONOMICS AND COSTS
6.0	PLAN PREPARATION
8.0	HYDRAULICS
9.0	MATERIALS
10.0	SUBSTRUCTURES-GENERAL
11.0	PILING
12.0	ABUTMENTS
13.0	PIERS
14.0	RETAINING WALLS
15.0	SLOPE PROTECTION
17.0	SUPERSTRUCTURE-GENERAL

Date: September, 2005 Page 1

18.0	CONCRETE SLAB STRUCTURES
19.0	PRESTRESSED CONCRETE
*20.0	CONCRETE BOX GIRDERS
*21.0	CONCRETE DECK GIRDERS
*22.0	RIGID FRAMES
23.0	TIMBER STRUCTURES
24.0	STEEL GIRDER STRUCTURES
27.0	BEARINGS
28.0	EXPANSION DEVICES
29.0	FLOOR DRAINS
30.0	RAILING
32.0	UTILITIES & LIGHTING
36.0	BOX CULVERTS
37.0	PEDESTRIAN BRIDGES
38.0	RAILROAD STRUCTURES
39.0	SIGN STRUCTURES
40.0	BRIDGE REHABILITATION
*41.0	TRUSSES
*43.0	FABRICATION STEEL INSPECTION
44.0	FALSEWORK
45.0	BRIDGE RATING
*46.0	STEEL TIED ARCHES
*47.0	DOLPHINS FOR PIER PROTECTION
48.0	ELECTRICAL GROUNDING OF STRUCTURES

^{*} Chapter text is not yet available.

Date: September, 2005 Page 2